# GOVERNMENT OF INDIA
# CHEMICALS AND FERTILIZERS
# LOK SABHA

UNSTARRED QUESTION NO:3740
ANSWERED ON:08.04.2003
QUALITY CONTROL IN THE PHYSICAL MIXTURES OF FERTILIZERS
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**Will the Minister of CHEMICALS AND FERTILIZERS be pleased to state:**

(a) whether it is a fact that the Quality Control has been maintained in the physical mixtures of fertilizers;

(b) if so, the details thereof and the manner in which it is ensured;

(c) whether it is a fact that several physical mixtures manufacturing units are working in public sector;

(d) if so, the details of their outputs and quantum of physical mixtures made annually by each of them;

(e) whether low analysis fertilizer mixtures have been recommended for crops;

(f) if so, the details thereof;

(g) whether higher analysis NPK complex fertilizers having more than 35 unitsof Nutrient contents are not suitable for applications for the smaller holdings in some States including Kerala;

(h) if so, the details thereof;

(i) whether it is a fact that more application of high-grade complex fertilizer would be a mere wastage of Nutrient and money to farmers;

(j) if so, the details thereof;

(k) whether Government of Kerala has such permission to carry on which the present system of manufacturing of Fertilizer mixture; and

(l) if so, the details thereof?

## Answer

THE MINISTER OF STATE IN THE MINISTRY OF CHEMICALS & FERTILIZERS (DR. CHHATTRA PAL SINGH)

(a) & (b): The quality of all fertilizers including physical mixtures are ensured under the provisions of Fertilizer Control Order (1985), which strictly prohibits the manufacture and sale of any fertilizer including fertilizer mixtures, which does not meet the prescribed standards and the offenders are booked for administrative and legal action under the provisions of Fertilizer ControlOrder/Essential Commodities Act, 1955. During 2001-02, out of total 11154 samples of fertilizer mixtures (both physical and granulated) analyzed in the country, 873 samples were found to be non-standard.

(c) & (d): The Fertilisers And Chemicals Travancore Limited (FACT) is theonly fertilizer manufacturing Central Public Sector Undertaking that manufactures physical mixtures of NPK fertilizers.The FACT manufactures 9grades of such mixtures. The two mixture grade with composition of N:P:K as10:10:4 and 10:10:10 approximately comprise 80% of its total annual production of mixtures. The production of fertilizer mixtures by FACT was21936 MT in 2000-01, 18083 MT in 2001-02 and approximately 20,000 MT in 2002-03.

(e) & (f): Fertilizer mixtures being very soil and crop specific, their standards are prescribed by State Governments under Clause 13(2) of Fertilizer ControlOrder. Some State Governments have notified low analysis fertilizer mixtures(having upto 25 units of nutrients) namely, Andhra Pradesh, Gujarat, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Tamilnadu and West Bengal.

(g to j): High analysis NPK complex fertilizers having more than 35 units ofnutrient content are quite suitable for application in the smaller holdings irrespective of the States. These besides minimizing handling, storage andapplication cost, ensure balanced fertilization to the crops if applied judiciously.

(k & l): All the State Governments including Kerala are empowered toprescribe standards of fertilizer mixtures and its manufacture under the provisions of FCO.